

Work Order ID 132905

Thursday, May 14, 2015 12:59:59 PM

132905

Ship Friday May 15 Page 1

Item ID: D204-706-015

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Fuel Purge Canister

Start Date: 5/14/2015 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 5/15/2015 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: MUF Date: 5-5-15 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D412-706	B

100

Document Control

0.00

DAS
27
9-89

100

DC

DOCUMENT CONTROL

Memo

0.00

15-05-15

DAS
9
9-89

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D204-706-015~CHG003~

110

Pick Kit

0.00

110

Packaging

Memo

0.00

DAS
27
9-89

MAY 14 2015

DAS
26
9-89

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

15-05-15

DAS
9
9-89

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
☐ OTHER : _____					

Work Order ID 132905

Thursday, May 14, 2015 12:59:59 PM

132905

Page 2

Item ID: D204-706-015

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Fuel Purge Canister

Start Date: 5/14/2015 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 5/15/2015 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPD204-706-015								
	Location: _____								
	PPP Rev: <u>E</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

shipped 50121502

[Signature]

MAY 15 2015

[Signature]

MLJ

MAY 15 2015

WLF

15-5-15

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																	
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐														
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐														
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐														
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐														
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐														
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :																							
Misidentified ☐	Past Due ☐																								

Picklist Print

Thursday, May 14, 2015 12:59:57 PM

Page 1

Work Order ID: 132905

132905

Parent Item: D204-706-015

D204-706-015

Parent Item Name: Fuel Purge Canister

Start Date: 5/14/2015

Required Date: 5/15/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:E 04.12.03 Remove AN6289-6D KJ/JLM IPP Rev:F
10.05.10 as per chg002 DD verified :EC IPP Rev:G 12.12.07 as
per IIN revB DD verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2001-4		Manufactured	No			110	Each	6.0000	1	1			
---------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

D2001-4
Valve Assembly 1/4 inch

**

DAS
27
9-89

DAS
27
9-89

MAY 14 2015

DAS
9
9-89

Location

Loc Qty

Loc Code

ST001

2

120185

1

92815

1

ST012a

4

128825

4

D2026-101		Manufactured	No			110	Each	49.0000	2	2			
-----------	--	--------------	----	--	--	-----	------	---------	---	---	--	--	--

D2026-101
Valve Mounting Screws

**

DAS
27
9-89

DAS
27
9-89

DAS
9
9-89

Location

Loc Qty

Loc Code

Mezz

49

35326

49

D3262-041		Manufactured	No			110	Each	1.0000	1	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

D3262-041
Canister Assembly

**

DAS
27
9-89

DAS
27
9-89

MAY 14 2015

DAS
9
9-89

Location

Loc Qty

Loc Code

st493

1

123629

1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER :					

Picklist Print

Thursday, May 14, 2015 12:59:58 PM

Page 2

Work Order ID: 132905

Parent Item: D204-706-015

Parent Item Name: Fuel Purge Canister

132905

D204-706-015

Start Date: 5/14/2015

Required Date: 5/15/2015

Start Qty: 1.00

Required Qty: 1.00

D3264-1

Manufactured No

110 Each

6.0000

2

[2]

D3264-1

Bracket

DAS

9

9-89

Location

ST494

Loc Qty

6

Loc Code

120232

6

D3297-5-0410

Manufactured No

110 Each

5.0000

1

[1]

D3297-5-0410

Hose Assembly

DAS

9

9-89

Location

Mezz

Loc Qty

5

Loc Code

22040

2

23292

3

D3298-011

Manufactured No

110 Each

11.0000

1

[1]

D3298-011

Tube Assembly

DAS

9

9-89

Location

Mezz

Loc Qty

11

Loc Code

22046

1

23298

6

36884

1

38499

3

D3298-013

Manufactured No

110 Each

7.0000

1

[1]

D3298-013

Tube Assembly

DAS

9

9-89

Location

Mezz

Loc Qty

7

Loc Code

22047

1

23299

6

DAS 26 9-89

DAS 27 9-89

DAS 26 9-89

DAS 27 9-89

DAS 26 9-89

DAS 27 9-89

DAS 27 9-89

DAS 26 9-89

MAY 14 2015

Thursday, May 14, 2015 12:59:58 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																	
Description Work Order Deviation				Disposition				Completed By																	
Root Cause				FAULT CATEGORY																					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐															
OTHER : ☐																									

Picklist Print

Thursday, May 14, 2015 12:59:58 PM

Page 3

Work Order ID: 132905

Parent Item: D204-706-015

Parent Item Name: Fuel Purge Canister

132905

D204-706-015

Start Date: 5/14/2015

Required Date: 5/15/2015

Start Qty: 1.00

Required Qty: 1.00

D3298-015

Manufactured No

110

Each

6.0000

1

[1]

D3298-015

Tube Assembly

DAS
9
9-89

Location

Loc Qty

Loc Code

Mezz

6

22048

1

23300

5

D3299-1

Manufactured No

110

Each

9.0000

1

[1]

D3299-1

Fitting

DAS
9
9-89

Location

Loc Qty

Loc Code

ST033

9

103865

9

D3301-1

Manufactured No

110

Each

11.0000

1

[1]

D3301-1

Placard

DAS
9
9-89

Location

Loc Qty

Loc Code

ST034

11

132029

11

D3301-3

Manufactured No

110

Each

10.0000

1

[1]

D3301-3

Placard

DAS
9
9-89

Location

Loc Qty

Loc Code

ST034

10

120454

10

MAY 14 2015

MAY 14 2015

Thursday, May 14, 2015 12:59:58 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Thursday, May 14, 2015 12:59:58 PM

Page 4

Work Order ID: 132905

Parent Item: D204-706-015

Parent Item Name: Fuel Purge Canister

132905

D204-706-015

Start Date: 5/14/2015

Required Date: 5/15/2015

Start Qty: 1.00

Required Qty: 1.00

D3302-5

Manufactured No

110

Each

6.0000

1

D3302-5

Doubler

**

DAS
26
27
9-89

DAS
26
27
9-89

DAS

9

9-89

D3302-7

Manufactured No

110

Each

16.0000

2

D3302-7

Doubler

**

DAS
26
27
9-89

DAS
26
27
9-89

DAS

9

9-89

AN3-5A

Purchased No

110

Each

562.0000

4

AN3-5A

Bolt

**

DAS
26
27
9-89

DAS
26
27
9-89

DAS

9

9-89

Location

Loc Qty

Loc Code

CA

135

m129682

135

FP001

19

124561

4

m130325

15

GA

408

m129507

2

m131420

406

AN814-6D

Purchased No

110

Each

3.0000

1

AN814-6D

Plug

**

DAS
26
27
9-89

MAY 14 2015

DAS
26
27
9-89

DAS

9

9-89

Location

Loc Qty

Loc Code

ST326

3

m129507

3

Thursday, May 14, 2015 12:59:58 PM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval																	
Description Work Order Deviation			Disposition																		
						Completed By															
						Lead hand / Supervisor Approval Verification															
			QC / QA Coordinator Approval																		
Root Cause		FAULT CATEGORY																			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER : ☐																					

Picklist Print

Thursday, May 14, 2015 12:59:58 PM

Page 5

Work Order ID: 132905

Parent Item: D204-706-015

Parent Item Name: Fuel Purge Canister

132905

D204-706-015

Start Date: 5/14/2015

Required Date: 5/15/2015

Start Qty: 1.00

Required Qty: 1.00

AN815-6D

Purchased

No

110

Each

18.0000

2

[2 1]

AN815-6D

Union-M-Flare

**

DAS
26
9-89

DAS

9

9-89

Location

Loc Qty

Loc Code

CCK003

9

m129507

9

ST326

9

m127363

9

AN816-6D

Purchased

No

110

Each

8.0000

1

[1]

AN816-6D

Nipple-M-6Flare -1/4NPT

**

DAS
26
9-89

DAS

9

9-89

Location

Loc Qty

Loc Code

ST325

8

M126180

1

M129913

7

AN833-6D

Purchased

No

110

Each

29.0000

1

[1]

AN833-6D

Elbow, Bulkhead-M-Flare

**

DAS
27
9-89

DAS
26
9-89

DAS

9

9-89

Location

Loc Qty

Loc Code

CCK003

25

M130466

25

ST323

4

M129521

4

AN919-6D

Purchased

No

110

Each

14.0000

1

[1]

AN919-6D

Reducer

**

DAS
27
9-89

MAY 14 2015

DAS
26
9-89

DAS

9

9-89

Location

Loc Qty

Loc Code

Mezz

14

16323

14

Thursday, May 14, 2015 12:59:58 PM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER :			

Picklist Print

Thursday, May 14, 2015 12:59:58 PM

Page 6

Work Order ID: 132905

Parent Item: D204-706-015

Parent Item Name: Fuel Purge Canister

132905

D204-706-015

Start Date: 5/14/2015

Required Date: 5/15/2015

Start Qty: 1.00

Required Qty: 1.00

AN924-6D

Purchased

No

110

Each

26.0000

1

AN924-6D

Nut

DAS

9

9-89

Location

Loc Qty

Loc Code

ST322

26

m128429

5

m129519

21

**

DAS

27

9-89

MAY 14 2015

NAS1149D0332J

Purchased

No

110

Each

1,943.000

2

NAS1149D0332J

Washer

Location

Loc Qty

Loc Code

CA

14

m129682

14

ST269

1041

m130325

879

m131624

162

ST270

888

m132189

888

**

DAS

27

9-89

MAY 14 2015

DAS

9

9-89

MS21042L3

Purchased

No

110

Each

1,744.000

4

MS21042L3

Nut

DAS

9

9-89

Location

Loc Qty

Loc Code

FP001

420

M130922

420

GA

552

M131317

552

ST305

772

116549

12

126333

49

M128754

2

M132123

709

**

DAS

27

9-89

MAY 14 2015

Thursday, May 14, 2015 12:59:59 PM

Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Thursday, May 14, 2015 12:59:59 PM

Page 7

Work Order ID: 132905

Parent Item: D204-706-015

Parent Item Name: Fuel Purge Canister

132905

D204-706-015

Start Date: 5/14/2015

Required Date: 5/15/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0363J

Purchased

No

110

Each

1,277.000

8

[8]

NAS1149D0363J

Washer

DAS
27
9-89

DAS

DAS
9
9-89

Location

Loc Qty

Loc Code

CA	569	
m130799	569	
GA	246	
m128429	246	
ST269	462	
m126319	9	
m131618	453	

MS21919-WDG12

Purchased

No

110

Each

42.0000

1

[1]

MS21919-WDG12

Clamp

DAS
9
9-89

Location

Loc Qty

Loc Code

ST297	42	
m129630	42	

MS21919-WDG6

Purchased

No

110

Each

28.0000

2

[2]

MS21919-WDG6

Clamp

DAS
9
9-89

Location

Loc Qty

Loc Code

CA	25	
m129909	25	
ST296	3	
m127304	3	

MS21919-WDG7

Purchased

No

110

Each

5.0000

3

[3]

MS21919-WDG7

Clamp

DAS
9
9-89

Location

Loc Qty

Loc Code

ST296	5	
125478	5	

DAS
27
9-89

DAS
26
9-89

MAY 14 2015

Thursday, May 14, 2015 12:59:59 PM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

Thursday, May 14, 2015 12:59:59 PM

Page 8

Work Order ID: 132905

Parent Item: D204-706-015

Parent Item Name: Fuel Purge Canister

132905

D204-706-015

Start Date: 5/14/2015

Required Date: 5/15/2015

Start Qty: 1.00

Required Qty: 1.00

MS21920-42

Purchased

No

110

Each

6.0000

2

[2]

MS21920-42

CLAMP

**

DAS

27

9-89

DAS

26

9-89

DAS

9

9-89

Location

Loc Qty

Loc Code

ST546

6

m131470

6

Each

28.0000

[5]

MS29512-06

Purchased

No

MS29512-06

O-RING

**

DAS

27

9-89

DAS

26

9-89

DAS

9

9-89

Location

Loc Qty

Loc Code

ST279

28

m127255

2

m129499

1

m131379

5

m131624

20

MS35489-11

Purchased

No

MS35489-11

GROMMETS

**

DAS

27

MAY 14 2015

DAS

26

9-89

9

9-89

Location

Loc Qty

Loc Code

ST275

22

m129499

22

Thursday, May 14, 2015 12:59:59 PM

Shop Packet Print

Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

15-05-15

5. PARTS LIST

Qty -011	Qty -013	Qty -015	Part Number	Description
X			D412-706-011	FUEL PURGE CANISTER INSTALLATION (212/412)
	X		D205-706-013	FUEL PURGE CANISTER INSTALLATION (205/214/EAGLE SINGLE)
		X	D204-706-015	FUEL PURGE CANISTER INSTALLATION (204)
1	1	C1	D2001-431	VALVE ASSEMBLY
		C2	D2026-101	SCREW
	1	C1	D3262-041	CANISTER ASSEMBLY
1			D3262-043	CANISTER ASSEMBLY
2	2	C2	D3264-11	BRACKET
1			D3297-1-0098	HOSE ASSEMBLY
1	1		D3297-1-0121	HOSE ASSEMBLY
	1		D3297-1-0130	HOSE ASSEMBLY
1			D3297-3-0210	HOSE ASSEMBLY
	1		D3297-3-0350	HOSE ASSEMBLY
		C1	D3297-5-0410	HOSE ASSEMBLY
	1		D3298-001	TUBE ASSEMBLY
1			D3298-005	TUBE ASSEMBLY
1			D3298-007	TUBE ASSEMBLY
	1		D3298-009	TUBE ASSEMBLY
		C1	D3298-011	TUBE ASSEMBLY
		C1	D3298-013	TUBE ASSEMBLY
		C1	D3298-015	TUBE ASSEMBLY
	1	C1	D3299-11	FITTING
1	1		D3299-3	FITTING
1			D3299-5	FITTING
1			D3299-7	FITTING
1	1	C1	D3301-11	PLACARD
1	1	C1	D3301-31	PLACARD
1	1		D3302-1	DOUBLER
1	1		D3302-3	DOUBLER
		C1	D3302-51	DOUBLER
		C2	D3302-71	DOUBLER
2			D3329-1	BUSHING
1			D4054-001	TUBE ASSEMBLY
1			D4054-003	TUBE ASSEMBLY
1			D4054-009	TUBE ASSEMBLY
4	4	C4	AN3-5A1	BOLT
	1	C1	AN814-6D1	PLUG
1			AN814-8D	PLUG
2	2	C2	AN815-6D1	UNION
1			AN815-8D	UNION
		C1	AN816-6D1	NIPPLE
2	3	C1	AN833-6D1	ELBOW

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: B
Date: 12.11.06

Qty -011	Qty -013	Qty -015	Part Number	Description
1			AN833-8D	ELBOW
		1	AN919-6D	REDUCER
4	4	1	AN924-6D	NUT
1			AN924-8D	NUT
1			AN938-6D	TEE
4	4	2	AN960JD10L	WASHER
8	8	8	AN960JD10	WASHER
2	2		AN960JD916	WASHER
4	4	4	MS21042L-3	NUT
	1	1	MS21919WDG12	CLAMP
	2		MS21919WDG16	CLAMP
		2	MS21919WDG6	CLAMP
		3	MS21919WDG7	CLAMP
2	5		MS21919WDG9	CLAMP
2	2	2	MS21920-42	CLAMP
7	5	5	MS29512-06	O-RING (OR M83248/1-906)
3			MS29512-08	O-RING (OR M83248/1-908)
	1	1	MS35489-11	GROMMET
1			MS35489-16	GROMMET

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**

Date: 12.11.06